

MIS5214
Week 8

Your Name _____
Date _____

1. Fill in the blank with the appropriate security device.
A _____ is a device that contains a physical mechanism or electronic sensor that quantifies motion that can be either integrated with or connected to other devices that alert the user of the presence of a moving object within the field of view.
2. Which of the following uses a Key Distribution Center (KDC) to authenticate a principle?
 - A. CHAP
 - B. PAP
 - C. Kerberos
 - D. TACACS
3. Which of the following is a network service that stores and organizes information about a network users and network resources and that allows administrators to manage users' access to the resources?
 - A. SMTP service
 - B. Terminal service
 - C. Directory service
 - D. DFS service
4. You work as a Network Administrator for Net Soft Inc. You are designing a data backup plan for your company's network. The backup policy of the company requires high security and easy recovery of data. Which of the following options will you choose to accomplish this?
 - A. Take a full backup daily and use six-tape rotation.
 - B. Take a full backup on Monday and a differential backup on each of the following weekdays. Keep Monday's backup offsite.
 - C. Take a full backup daily with the previous night's tape taken offsite.
 - D. Take a full backup on alternate days and keep rotating the tapes.
 - E. Take a full backup on Monday and an incremental backup on each of the following weekdays. Keep Monday's backup offsite.
 - F. Take a full backup daily with one tape taken offsite weekly.
5. Which of the following are types of asymmetric encryption algorithms? Each correct answer represents a complete solution. Choose two.
 - A. RSA
 - B. AES
 - C. ECC
 - D. DES

6. Which of the following attacks allows the bypassing of access control lists on servers or routers, and helps an attacker to hide? Each correct answer represents a complete solution. Choose two.

- A. DNS cache poisoning
- B. MAC spoofing
- C. IP spoofing attack
- D. DDoS attack

7. You are the Network Administrator at a large company. Your company has a lot of contractors and other outside parties that come in and out of the building. For this reason you are concerned that simply having usernames and passwords is not enough and want to have employees use tokens for authentication. Which of the following is not an example of tokens?

- A. Smart card
- B. USB device with cryptographic data
- C. CHAP
- D. Key fob

8. Which of the following LAN protocols use token passing for exchanging signals among various stations on the network? Each correct answer represents a complete solution. Choose two.

- A. Ethernet (IEEE 802.3)
- B. Token ring (IEEE 802.5)
- C. Fiber Distributed Data Interface (FDDI)
- D. Wireless LAN (IEEE 802.11b)

9. Which of the following components come under the network layer of the OSI model? Each correct answer represents a complete solution. Choose two.

- A. Routers
- B. MAC addresses
- C. Firewalls
- D. Hub

10. Which of the following are examples of physical controls used to prevent unauthorized access to sensitive materials?

- A. Thermal alarm systems
- B. Security Guards
- C. Closed circuit cameras
- D. Encryption